

Table 2.—Correlation chart

			Upper Cretaceous to Oligocene geologic units by States																	
ERA	SYSTEM	SERIES	NORTHEASTERN TEXAS (Bowie, Cass, Marion, and Harrison Counties)	NORTHERN LOUISIANA (North of 32d parallel)	ARKANSAS		MISSOURI	ILLINOIS	KENTUCKY	TENNESSEE	NORTHERN MISSISSIPPI		CENTRAL MISSISSIPPI	WESTERN ALABAMA						
											NORTHERN PART	SOUTHERN PART								
CENOZOIC	TERTIARY	OLIGOCENE	Units not identified in area of study		Vicksburg Formation								Vicksburg Group	Byram Formation Bucatunna Clay Member Middle marl member Glendon Limestone Member Marianna Limestone Mint Spring Marl Member Forest Hill Sand and Red Bluff Clay						
				Jackson Group	Yazoo Clay Moodys Branch Formation	Jackson Group	Undifferentiated			Jackson(?) Formation	Jackson Group	Undifferentiated	Undifferentiated	Yazoo Clay Shubuta Member Pachuta Marl Member Cocoa Sand Member North Twistwood Creek Member Moodys Branch Formation						
		Claiborne Group		Cockfield Formation Cook Mountain Formation Sparta Sand Weches Greensand Queen City Sand Reklaw Formation Carrizo Sand	Claiborne Group	Cockfield Formation Cook Mountain Formation Sparta Sand Cane River Formation Carrizo Sand	Claiborne Group	Undifferentiated	Claiborne Group	Undifferentiated	Claiborne Group	Undifferentiated	Claiborne Group	Cockfield Formation Cook Mountain Formation Sparta Sand Zilpha Clay Winona Sand Tallahatta Formation	Cockfield Formation Cook Mountain Formation Sparta Sand Zilpha Clay Winona Sand Tallahatta Formation	Cockfield Formation Cook Mountain Formation Gordon Creek Shale Member Potterchitto Sand Member Archusa Marl Member Sparta Sand Zilpha Clay Winona Sand Tallahatta Formation Neshoba Sand Member Basic City Shale Member Meridian Sand Member	Claiborne Group	Tallahatta Formation Maridian Sand Member		
				Wilcox Formation	Wilcox Group 1/	Undifferentiated rocks	Wilcox Group	Undifferentiated 2/	Wilcox Formation	Wilcox Group	Undifferentiated	Wilcox Group	Undifferentiated	Wilcox Group	Undifferentiated	Undifferentiated	Hatchetigbee Formation Bashi Marl Member Tusahoma Formation Nanafalia Formation Fearn Springs Member	Wilcox Group	Hatchetigbee Formation Bashi Marl Member Tusahoma Sand Bells Landing Member Greggs Landing Member Nanafalia Formation Gramplan Hills Member Middle member Gravel Creek Sand Member	
		Midway Group		Wills Point Formation Kincaid Formation	Midway Group	Dolet Hills Formation Naborton Formation Porters Creek Clay Clayton Formation	Midway Group 3/	Porters Creek Clay Clayton Formation	Midway Group	Porters Creek Clay Clayton Formation	Midway Group	Porters Creek Clay Clayton Formation	Midway Group	Porters Creek Clay Clayton Formation	Midway Group	Porters Creek Clay Tippah Sand Lentil Clayton Formation	Naheola Formation Porters Creek Clay Clayton Formation	Naheola Formation Porters Creek Clay Matthews Landing Marl Member Clayton Formation	Midway Group	Naheola Formation Coal Bluff Marl Member Oak Hill Member Porters Creek Formation Matthews Landing Marl Member Clayton Formation McBryde Limestone Member Pine Barran Member
		MESOZOIC		CRETACEOUS	UPPER CRETACEOUS	Navarro Group	Undifferentiated	Arkadelphia Marl Nacatoch Sand Saratoga Clay	Arkadelphia Marl Nacatoch Sand Saratoga Clay	Owl Creek Formation McNairy Sand	McNairy Sand	McNairy Sand	Owl Creek Formation Ripley Formation McNairy Sand Member Coon Creek Tongue	Selma Group	Owl Creek Formation Ripley Formation Chiwapa Member McNairy Sand Member Coon Creek Tongue Transitional clay	Prairie Bluff Chalk Ripley Formation	Prairie Bluff Chalk Ripley Formation	Prairie Bluff Chalk Ripley Formation	Selma Group	Prairie Bluff Chalk Ripley Formation
	Taylor Marl Annona Chalk		Marlbrook Marl Annona Chalk		Marlbrook Marl Annona Chalk	Ozan Formation			Demopolis Formation	Demopolis Chalk	Demopolis Chalk Bluffport Marl Member	Demopolis Chalk Bluffport Marl Member	Demopolis Chalk Bluffport Marl Member	Demopolis Chalk Bluffport Marl Member	Demopolis Chalk Bluffport Marl Member	Demopolis Chalk Bluffport Marl Member				
	Brownstown Marl Blossom Sand Bonham Marl Eagle Ford Shale		Brownstown Marl Tokio Formation Eagle Ford Shale		Brownstown Marl Tokio Formation				Coffee Sand	Mooreville Chalk Arcola Limestone Member	Mooreville Chalk Arcola Limestone Member	Mooreville Chalk Arcola Limestone Member	Mooreville Chalk Arcola Limestone Member	Mooreville Chalk Arcola Limestone Member	Mooreville Chalk Arcola Limestone Member					
								Eutaw Formation	Eutaw Formation Tombigbee Sand Member McShan Formation	Eutaw Formation Tombigbee Sand Member McShan Formation	Eutaw Formation Tombigbee Sand Member McShan Formation	Eutaw Formation Tombigbee Sand Member McShan Formation	Eutaw Formation Tombigbee Sand Member McShan Formation	Eutaw Formation Tombigbee Sand Member McShan Formation						
	Woodbine Formation		Woodbine Formation		Woodbine Formation			Tuscaloosa Formation	Tuscaloosa Formation	Undifferentiated	Undifferentiated	Gordo Formation Coker Formation Massive sand	Tuscaloosa Group	Gordo Formation Coker Formation Upper unnamed member Eoline Member Massive sand						

^{1/} Wilcox Group (Eocene Series), undifferentiated. Wilcox Group (Paleocene Series), upper part undifferentiated; Dolet Hills and Naborton Formations are lower two units.

^{2/} In ascending order Wilcox Group in Arkansas bauxite area is composed of Berger Formation, Saline Formation, and Detontl Sand.

^{3/} In ascending order Midway Group in Arkansas bauxite area is composed of Kincaid Formation and Wills Point Formation.